

## EAST Search History

| Ref # | Hits | Search Query  | DBs                                 | Default Operator | Plurals | Time Stamp          |
|-------|------|---|-------------------------------------|------------------|---------|---------------------|
| S1    | 13   | ((analog adj2 digital adj1 converter) or ("a/d")) with data with (channel adj1 monitor\$3)                    | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/08/02<br>10:42 |
| S2    | 45   | ((analog adj2 digital adj1 converter) or ("a/d")) with (channel adj1 monitor\$3)                              | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/08/02<br>11:04 |
| S3    | 32   | S2 not S1   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/08/02<br>10:44 |
| S4    | 110  | ((analog adj2 digital adj1 converter) or ("a/d")) same (channel adj1 monitor\$3)                              | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/08/04<br>22:51 |
| S5    | 18   | ((analog adj2 digital adj1 converter) or ("a/d")) same (channel adj1 monitor\$3) and (digital adj2 processor) | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/08/02<br>15:01 |
| S6    | 78   | S4 not S3   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/08/02<br>11:31 |
| S7    | 141  | 398/33.ccls.  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2006/10/30<br>04:45 |
| S8    | 23   | S7 and ((analog adj2 digital adj1 converter) or ("a/d"))  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/08/02<br>13:45 |
| S9    | 209  | 398/9-38.ccls. and ((analog adj2 digital adj1 converter) or ("a/d"))  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/08/02<br>13:54 |
| S10   | 186  | S9 not S8   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/08/02<br>13:46 |

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| S11 | 104  | 398/202-214.ccls. and ((analog adj2 digital adj1 converter) or ("a/d"))                                      | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2006/10/30<br>04:45 |
| S12 | 4940 | decoder with ((analog adj2 digital adj1 converter) or ("a/d"))   | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/02<br>14:04 |
| S13 | 21   | S12 and "398"/\$7.ccls.  | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/02<br>14:05 |
| S14 | 1761 | ((analog adj2 digital adj1 converter) or ("a/d")) same (decoder) and (digital adj2 processor)                | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/02<br>14:29 |
| S15 | 373  | ((analog adj2 digital adj1 converter) or ("a/d")) same (decoder) same (digital adj2 processor)               | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2006/10/30<br>04:45 |
| S16 | 88   | ((analog adj2 digital adj1 converter) or ("a/d")) same (decoder) same (digital adj2 processor) and optical   | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/02<br>14:46 |
| S17 | 613  | ((analog adj2 digital adj1 converter) or ("a/d")) same (decoder) and (digital adj2 processor) and optical    | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/02<br>14:46 |
| S18 | 525  | S17 not S16  | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/02<br>14:46 |
| S19 | 229  | ((analog adj2 digital adj1 converter) or ("a/d")) and (channel adj1 monitor\$3) and (digital adj2 processor) | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/02<br>19:04 |
| S20 | 2    | 10/145035  | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/02<br>19:17 |
| S21 | 1    | 10/143809  | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/02<br>19:18 |

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| S22 | 204107 | ((analog adj2 digital adj1 converter) or ("a/d"))  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/08/04<br>22:51 |
| S23 | 623    | ((analog adj2 digital adj1 converter) or ("a/d")) and monitor\$3 and wdm                       | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/08/04<br>22:52 |
| S24 | 220    | ((analog adj2 digital adj1 converter) or ("a/d")) same monitor\$3 and wdm                      | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/08/05<br>00:55 |
| S25 | 3      | "2002012152" "6031644".pn. "6075814".pn.   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/08/05<br>01:01 |
| S26 | 2      | "2002/012152" "6031644".pn. "6075814".pn.  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/08/05<br>01:02 |
| S27 | 1      | "2002012152"   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/08/05<br>01:03 |
| S28 | 0      | "200212152"  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/08/05<br>01:03 |
| S29 | 6      | "5513029".pn. "5949560".pn. "5999258".pn. "6128111".pn. "6222652".pn. "6252692".pn.            | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/08/05<br>01:07 |
| S30 | 1      | 359/189.ccls.  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/10/30<br>04:45 |
| S31 | 968    | 359/189  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/08/05<br>01:07 |
| S32 | 1      | 359/189 and agazzi.in.   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/08/05<br>01:07 |
| S33 | 450    | ((analog adj2 digital adj1 converter) or ("a/d")) same (decoder) same (digital adj2 processor) | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/10/30<br>04:45 |

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| S34 | 137  | 398/202-214.ccls. and ((analog adj2 digital adj1 converter) or ("a/d"))  | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2006/10/30 04:45 |
| S35 | 0    | 359/189.ccls.  | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2006/10/30 04:45 |
| S36 | 210  | 398/33.ccls.   | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2006/10/30 04:54 |
| S37 | 1    | 10/621413  | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2006/10/30 05:02 |
| S38 | 204  | (increas\$3 adj2 power) and (optical with ((power adj2 up) or start\$3 adj2 up))                               | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2006/10/30 05:04 |
| S39 | 204  | (increas\$3 adj2 power) and (optical with ((power adj2 up) or (start\$3 adj2 up)))                             | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2006/10/30 05:05 |
| S40 | 161  | (increas\$3 adj2 power) and (optical with ((power adj2 up) or (start\$3 adj2 up))) and @ad<"20030718"          | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2006/10/30 06:39 |
| S41 | 1641 | 398/2-17.ccls.   | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2006/10/30 06:39 |
| S42 | 581  | 398/26-32.ccls.  | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2006/10/30 06:39 |
| S43 | 8    | S41 and (increas\$3 adj2 power) and (optical with ((power adj2 up) or (start \$3 adj2 up))) and @ad<"20030718" | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2006/10/30 06:39 |
| S44 | 2    | S42 and (increas\$3 adj2 power) and (optical with ((power adj2 up) or (start \$3 adj2 up))) and @ad<"20030718" | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2006/10/30 06:39 |

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| S45 | 1028 | (power near4 control\$4) with attenuator\$1 and optical  | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2007/03/17 18:32 |
| S46 | 454  | (power near4 control\$4) with attenuator\$1 and optical and transmitter\$1 and amplifier\$3                    | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2007/03/17 18:33 |
| S47 | 318  | (power near4 control\$4) with attenuator\$1 and optical and transmitter\$1 and amplifier\$3 and @ad<"20021205" | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2007/03/17 18:33 |
| S48 | 0    | 11/561008  | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2007/11/29 08:20 |
| S49 | 1    | 11/254003  | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2007/11/29 08:23 |
| S50 | 2    | "7130282"  | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2007/11/29 11:10 |
| S51 | 1    | "20070203982"  | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2007/11/29 11:10 |
| S52 | 2    | "6493116".pn. "5815294".pn.  | US- PGPUB; USPAT; EPO; JPO | OR | ON | 2007/12/03 11:09 |

4/ 28/ 08 6:38:35 AM

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